

FIG. 1

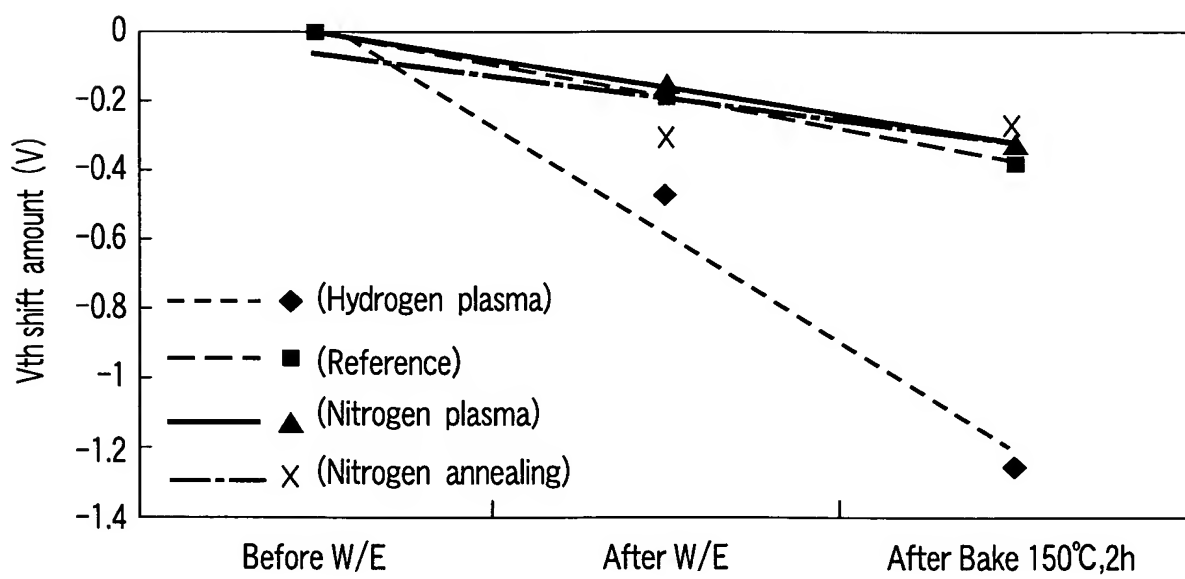


FIG. 2

FIG. 3

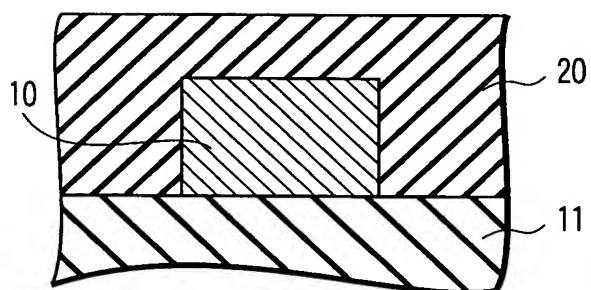
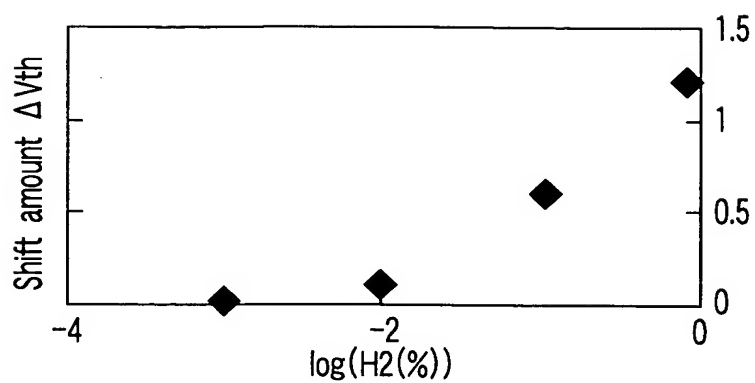


FIG. 4

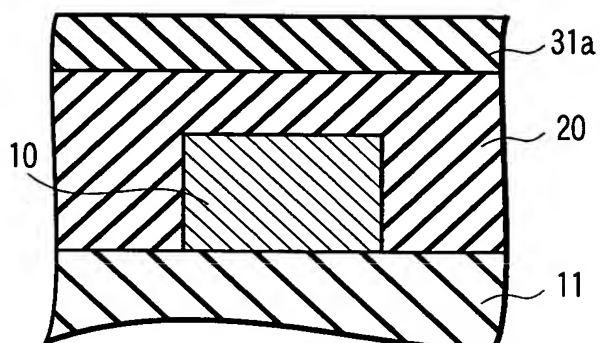


FIG. 7

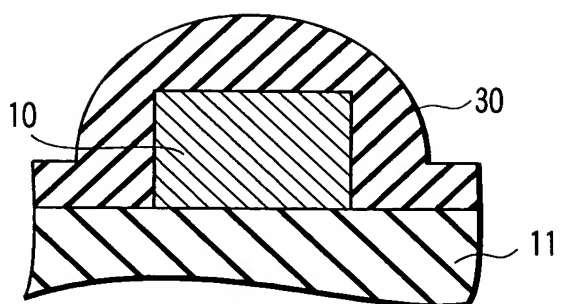


FIG. 5

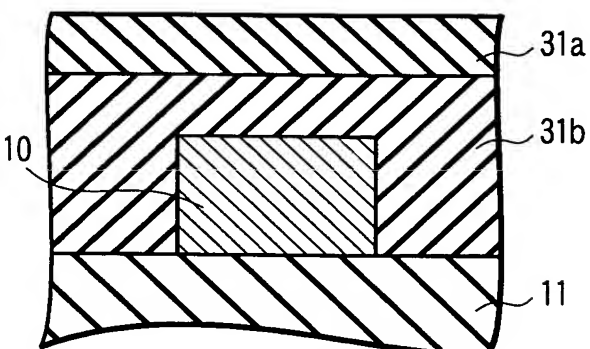


FIG. 8

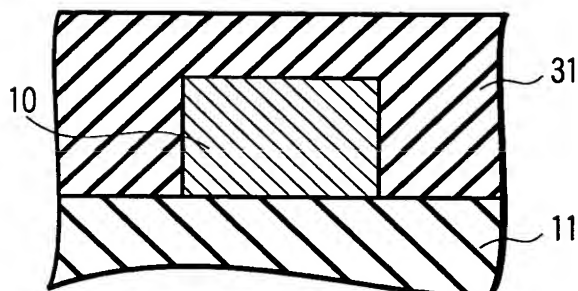


FIG. 6

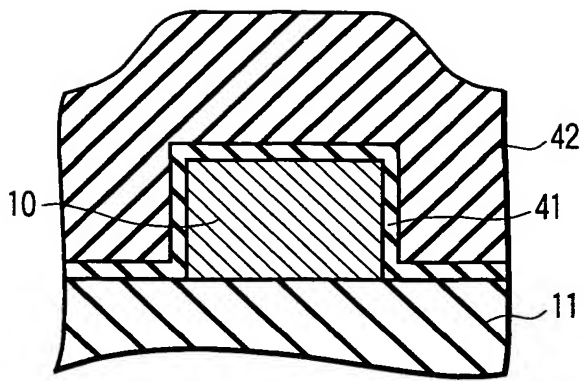


FIG. 9

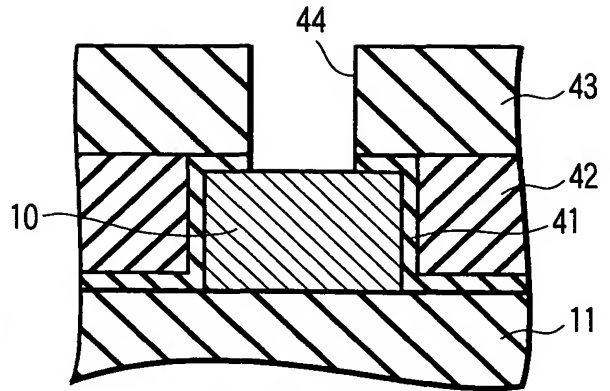


FIG. 12

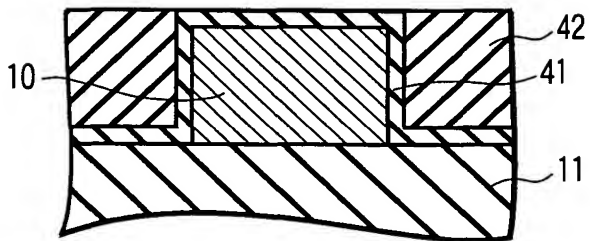


FIG. 10

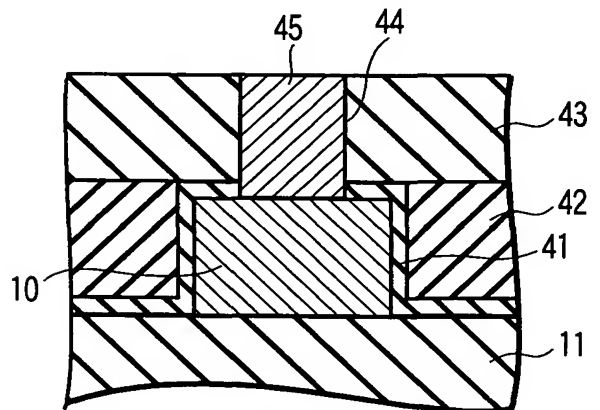


FIG. 13

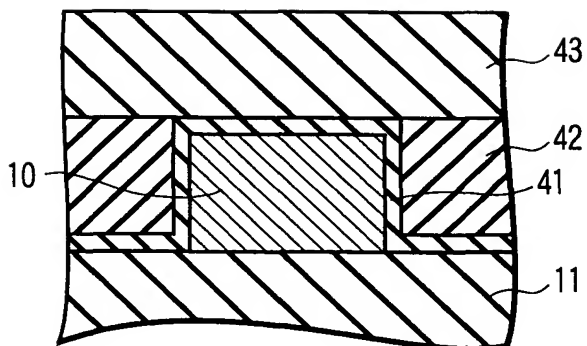


FIG. 11

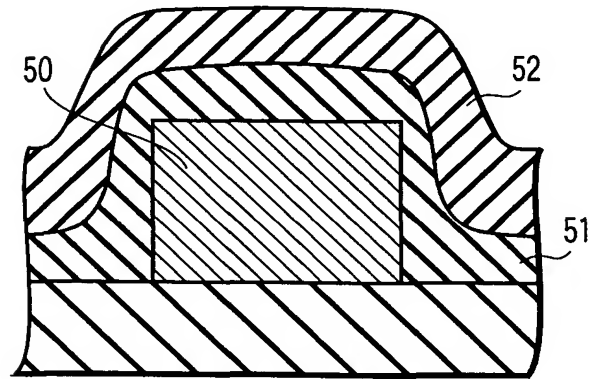


FIG. 14

FIG. 15

Film structure	Shif amount ΔV_{th}
With passivation film	0.5V
Without passivation film	0.3V